Amendments to Claims -- Patent Application No. 10/678,658 in response to Office Action 9752

Claim 1. (currently amended) A non-incendiary directionally illuminated tracer bullet characterized by: a rearward shining light emitting diode ~~directional light source~~, and a power source for said light emitting diode ~~directional light source~~.

Claim 2. (withdrawn) The non-incendiary directionally illuminated tracer bullet of Claim 1 in which the rearward shining directional light source is shock resistant and electrically powered.

Claim 3. (withdrawn) The non-incendiary directionally illuminated tracer bullet of Claim 2 in which the rearward shining shock resistant and electrically powered directional light source is a light emitting diode.

Claim 4. (withdrawn) The non-incendiary directionally illuminated tracer bullet of Claim 2 in which the rearward shining shock resistant and electrically powered directional light source is a laser diode.

Claim 5. (withdrawn) The non-incendiary directionally illuminated tracer bullet of Claim 1 in which the rearward shining directional light source emits visible light.

Claim 6. (withdrawn) The non-incendiary directionally illuminated tracer bullet of Claim 1 in which the rearward shining directional light source emits infrared light.

Claim 7. (withdrawn) The non-incendiary directionally illuminated tracer bullet of Claim 1 in which the rearward shining directional light source emits ultraviolet light.

Claim 8. (currently amended) The non-incendiary directionally illuminated tracer bullet of Claim 1 in which the power source is one or more electrochemical cells maintained in deactivated state by containing electrolyte in an ampoule.

Claim 9. (currently amended) The non-incendiary directionally illuminated tracer bullet of Claim 8 in which electrochemical activation of the one or more electrochemical cells is brought about by ~~wetting the~~ electrodes being wetted with ~~an~~ electrolyte.

Claim 10. (currently amended) The non-incendiary directionally illuminated tracer bullet of Claim 9 in which ~~the~~ electrochemical activation of at least one electrochemical cell is initiated by ~~rupture of~~ the electrolyte containing ampoule being ruptured, said rupturing being induced by rapid linear acceleration associated with firing the ammunition cartridge.

Claim 11. (original) The non-incendiary directionally illuminated tracer bullet of Claim 10 in which the acceleration is radially directed and arises from axial spin imparted to the bullet by passage through a rifled gun barrel.

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Claim 12. (withdrawn) The non-incendiary directionally illuminated tracer bullet of Claim 1 in which the power source is comprised of piezoelectric material and a capacitor.

Claim 13. (withdrawn) The non-incendiary directionally illuminated tracer bullet of Claim 12 in which the piezoelectric material produces an electric charge when it is deformed when the non-incendiary tracer bullet is deformed by passage through a rifled gun barrel.